CLAIMS:

1. A unit, system or systems of device(s), program(s), or hardware interconnected mechanically, electrically, by software, hardware, wireless or other means which collate, inter-relate, systemize, interface, analyze, or otherwise organize/arrange disparate data and function(s) supplied by input device(s) including but not limited to: computers, Internet, web-site, flight instrument(s), engine instrument(s), operating controls, control surfaces, documents, manuals, transportation function(s), software programs, radio, telephonic, wireless, voice commands, ACARS, satellite, video, television, point and click, keyboard, electrical pulse, hydraulic pressure, or any other mechanical or non-mechanical means to produce a resulting output(s) so that a pilot(s), ground-based person(nel), or any operator(s) may access, utilize, manipulate, interlink, interface, connect and/or transfer relevant information, analyses, program(s), and mechanical, hydraulic, electronic, wireless or by other means, one-, two-, three-, or multiple-way control between: (I) ground-based source(s) (computers, operational centers, dispatchers, information sources), and/or (II) portable sources (computers, phones, pagers, navigation device(s)), and/or (III) moving sources (vehicles, autos, trucks, balloons, boats, ships, kites, bicycles, motorcycles, airplanes, jets, rockets, spaceships) for the purposes of navigation, locomotion, transportation, vehicle control, analyses of data, entertainment, testing, simulation, education, emergency/life-saving and or any other use or function.

2. A system which interconnects disparate data so that an operator may interface ground based sources, portable sources and moving sources.

3. A portable, computerized, electronic kit bag (EKB) consisting of standard and state-of-the-art computer part(s) and peripheral(s), interfaced for maximum functional utility in obtaining, organizing, re-organizing and out-putting disparate data.

4. An electronic "kit bag" referring to a specifically designed portable machine for use by a flight or transportation crew member(s) to interface the input/output of all necessary and relevant data.

5. A central operating program or logic system which assesses the relationships of input data through a three dimensional logic based decision-making algorithm.

6. EKB data output formatted to be utilized either directly by the end user, an intermediate user, by a user through an aircraft system, or directly from the device to an aircraft system or autopilot.

7. The process defined by the transmittal of data from (a) ground based operator(s) or system(s) through an on-board combined-functions device, resulting in the manipulation or active control of an operating transportation craft.

8. A translucent secondary window designed for the purpose of overlaying "heads-up" display information directly over maps, charts or other data displayed by a primary computer screen.

9. All-in-one headgear which interfaces with an EKB.

10. Ergonomically designed knee-top style EKB.

11. A three-dimensional algorithm which processes information in a unique, non-linear manner, sorting and assessing disparate data thereby aiding in the decision making process resulting in solutions to problems such as mathematical (load and planning) computations, runway selection, operating parameters, pilot fatigue limits and scheduling issues.

12. That algorithm described as a "texotrix" [inventor's term] whereby initial whole-flight data is outputed in it's most useful form, then as additional data is accumulated, such data is integrated into the whole result, and as additional data is inputed, the program returns to the initial step, reassesses all factors based on all present factors so that the system knows, such that the points of analysis made by the system for use by the pilot is re-analyzed with the newest input and output that occurs at any point along the way. In this situation the pilot can (Option 1) review the information and make a decision, (Option 2) allow the computer to solve some of the questions and base decisions on personal knowledge and the information provided by the computer, or (Option 3) allow the computer to "control" and make the decisions. "Texotrix" refers to that array of elements in rows, columns and stacks, treated as a unit using special algebraic laws in facilitating the study of relations between elements, used here in reference to the processing of information in three dimensional levels.

13. Portable, generated output solutions which can be interfaced with a transportation craft for the purpose of vehicle control (for operation, testing, education, emergency).

14. That device which houses the mechanisms for generating output solutions as described above.

15. The software, or program, which generates the output solutions used to aggregate disparate data for the purposes of planning, aircraft control and related uses as described herein.

16. A portable, electronic device, which may be linked to other devices, used as a "kit bag" by (a) professional pilot(s) for the purpose of simplifying and organizing flight procedures.

17. A portable, electronic device, which may be linked to (a) transportation aircraft for the purpose of controlling or assisting in control of that vehicle(s).

18. A portable, electronic device, which may be linked to other devices, used as a "kit bag" by professional pilot(s) for the purpose of simplifying and organizing flight procedures and may which may also be linked to (the) aircraft for the purpose of controlling or assisting in control of that vehicle(s).

19.. That software which organizes disparate input sources and data for use in the device described in (18) above.

While this invention has been described in reference to illustrative embodiments, this description is not intended to be construed in a limited sense. Various modifications and combinations of the illustrative embodiments, as well as other embodiments of the invention, will be apparent to persons skilled in the art upon reference to the description. It is therefore intended that the appended claims encompass any such modifications or embodiments.